

Converting Colors

HunterLab(47.1938, -5.4787,
10.4473)

Have a look what the booklet for
HunterLab(47.1938, -5.4787,
10.4473) contains.

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Color

**HunterLab(47.0996, -5.5251,
10.3558)**

Conversions

Conversions Part 1

Format	Color
Hex	83836E
RGB	131, 131, 110
RGB Percent	51%, 51%, 43%
CMY	0.4863, 0.4863, 0.5686
CMYK	0.00, 0.00, 0.16, 0.49
HSL	60°, 9%, 47%
HSV	60°, 16%, 51%
XYZ	20.2909, 22.1837, 17.9644
YIQ	128.6060, 6.7410, -6.5310

Conversions

Conversions Part 2

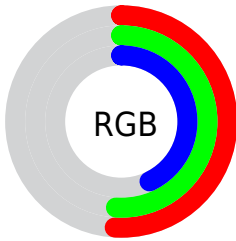
Format	Color
R_{YB}	110, 131, 110
Decimal	8618862
CIE Lab	54.22, -3.85, 11.38
CIE LCh	54, 12.012, 108.693
Yxy	22.1847, 0.3357, 0.3670
Android (android.graphics.Color)	4286808942 (0xFF83836E)
YUV	128.6060, -9.1728, 2.0995
Hunter-Lab	47.0996, -5.5251, 10.3558

Details

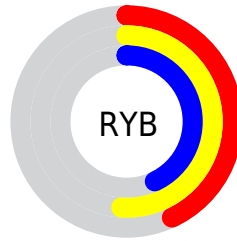
The HunterLab color $47.0996, -5.5251, 10.3558$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $40.1325, 1.3948, -6.9708$, and the grayscale version is $46.7327, -2.4935, 2.5391$.

A 20% lighter version of the original color is $68.6148, -7.0957, 12.6189$, and $28.5162, -4.3325, 8.0200$ is the 20% darker color. If you saturate the color by 10%, you get $46.8187, -7.0932, 14.4342$, and if you desaturate by 10%, it is $47.4254, -3.7333, 5.6893$.

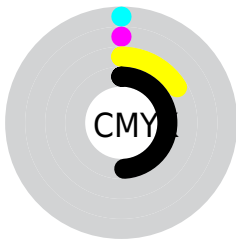
Distribution



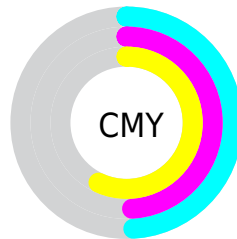
- Red (51%)
- Green (51%)
- Blue (43%)



- Red (43%)
- Yellow (51%)
- Blue (43%)



- Cyan (0%)
- Magenta (0%)
- Yellow (16%)
- Black (49%)



- Cyan (49%)
- Magenta (49%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.0996, -5.5251, 10.3558 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 47.0996, -5.5251, 10.3558 by changing the saturation by 10% instead.

■ 47.0996, -5.5251,
10.3558

■ 47.0996, -5.5251,
10.3558

162.3297,
-13.2506, 21.2597

■ 37.4068, -4.7801,
9.1371

■ 68.5938, -7.0859,
12.7578

■ 28.4878, -4.0547,
7.8898

■ 80.3083, -7.8999,
13.9537

■ 20.4181, -3.3475,
6.5934

■ 92.6228, -8.7365,
15.1522

■ 13.2986, -2.6522,
5.2125

■ 105.5094, -9.5956,
16.3561

■ 6.8370, -2.8189,
4.7859

118.9438,
-10.4770, 17.5674

0.0000, NaN, NaN

0.0000, NaN, NaN

132.9044,

-11.3801, 18.7877

0.0000, NaN, NaN

147.3721,
-12.3048, 20.0182

0.0000, NaN, NaN

■ 47.0996, -5.5251,
10.3558

■ 47.0996, -5.5251,
10.3558

■ 46.8187, -7.0932,
14.4342

■ 47.4254, -3.7333,
5.6893

■ 46.5785, -8.4362,
17.9293

■ 47.7938, -1.7135,
0.4316

■ 46.3784, -9.5603,
20.8542

■ 48.2068, 0.5315,
-5.4128

■ 46.2166, -10.4728,
23.2280

■ 48.6646, 2.9984,
-11.8354

■ 46.0909, -11.1834,
25.0763

■ 49.1677, 5.6823,
-18.8238

■ 45.9989, -11.7051,
26.4327

■ 49.7159, 8.5772,
-26.3619

■ 45.9374, -12.0543,
27.3401

■ 50.3092, 11.6756,
-34.4306

■ 45.9010, -12.2610,
27.8765

■ 50.9474, 14.9691,
-43.0084

■ 45.8886, -12.3319,
28.0604

■ 51.6298, 18.4489,
-52.0719

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



47.1006, -0.6358, 10.6032



47.0996, -5.5251, 10.3558



47.1006, -9.4516, 8.1553

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



47.1006, -5.5264, 10.3564



47.1006, -8.6328, -4.7541



47.1006, 7.1816, 0.7546

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



47.0996, -5.5251, 10.3558



40.1325, 1.3948, -6.9708

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



47.1006, 4.8464, -3.8101



47.0996, -5.5251, 10.3558



47.1006, -4.3666, -7.2025

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



47.1006, -5.5264, 10.3564



47.1006, -11.1934, -0.4301



47.1006, 0.5726, -6.8402



47.1006, 6.8396, 5.3733

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



47.0996, -5.5251, 10.3558



47.1006, -11.0558, 5.7353



47.1006, 0.5726, -6.8402



47.1006, 6.6799, -0.8448

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



47.1006, -5.5264, 10.3564



63.5057, -4.7607, 7.0013



41.3564, 4.2430, 4.4086



30.6289, -2.3718, 3.5726



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



47.1006, -5.5264, 10.3564



62.8936, -8.1433, 15.8058



46.2477, -8.5768, 9.4349



23.2874, -2.1233, 3.5443



45.5268, -12.2347, 27.8392



2.6797, -0.7199, 1.6386

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



40.1325, 1.3948, -6.9708



51.6334, 3.0761, -12.2852



41.0122, 4.3455, -5.6966



21.3180, -0.1754, -1.3314



12.7011, 34.4507, -90.2390



0.7477, 2.0278, -5.3103

Previews

White Background



This preview shows how the HunterLab color 47.0996, -5.5251, 10.3558 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 47.0996, -5.5251, 10.3558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

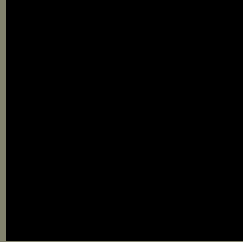
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

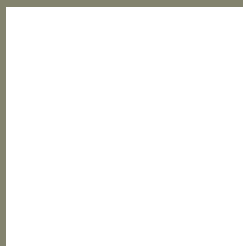
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 47.0996, -5.5251, 10.3558 Background



This preview shows how black text looks on a background with the HunterLab color 47.0996, -5.5251, 10.3558.



This preview shows how white text looks on a background with the HunterLab color 47.0996, -5.5251, 10.3558.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

47.0996, -5.5251, 10.3558

Protanopia

47.0351, -2.8923, 10.6946

Deuteranopia

47.1216, 3.1372, 10.1686



Tritanopia

47.0487, 1.4973, -0.8073

Trichromacy



Original Color

47.0996, -5.5251, 10.3558

Protanomaly

47.1384, -3.9760, 10.7792

Deuteranomaly

46.9864, -0.1155, 9.9738

Tritanomaly

46.9457, -0.8570, 3.5544

Monochromacy



Original Color

47.0996, -5.5251, 10.3558

Achromatopsia

46.8536, -2.5000, 2.5456

Achromatomaly

47.0279, -3.7242, 5.7000

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 47.0996, -5.5251, 10.3558 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(131, 131, 110)` looks like.

```
.text, #text, p{  
    color:rgb(131, 131, 110)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(131, 131, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 131, 110) }
```

Border

The CSS property to change the border of an element to HunterLab 47.0996, -5.5251, 10.3558 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(131, 131, 110) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(131, 131, 110) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(131, 131, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 131, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 131, 110);  
box-shadow:4px 4px 4px 4px rgb(131, 131,  
110) }
```

Background

The CSS property to change the background color of an element to HunterLab 47.0996, -5.5251, 10.3558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 131, 110) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(131,  
131, 110) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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